

New Mexico - (Deming Field Office)

FY 2003 Livestock Manure Management Concern - Ranking Criteria Worksheet

Applicant _____ Farm No. _____ Tract No. _____ CMS Field No's. _____ Date _____

____ Tribal Land ____ Non-Tribal Land Facility Status: A ____ B ____ or C ____ (see bottom of sheet)

1. Distance to Surface Water or Well - 10 Potential Points (10% of Total)

		Points	Benchmark	After
Determine the shortest distance from the livestock facility to the nearest downstream surface water or any well. Surface water may include a perennial or intermittent stream, river, lake, pond, irrigation canal, or wetland.	<100 Ft.	10	0	
	101-250 Ft.	8	0	
	251-500 Ft.	6	0	
	501-1,320 Ft.	4	0	
	>1,320 Ft.	2	0	

2. Depth to Seasonal Water Table - 10 Potential Points (10% of Total)

		Points	Benchmark	After
Determine the least distance from the ground surface to the top of the seasonal water table or aquifer at the livestock facility. Use information from on-site investigations, soil surveys, well completion reports, producer information, etc.	<10 Ft.	10	0	
	11-50 Ft.	8	0	
	51-100 Ft.	6	0	
	101-200 Ft.	4	0	
	>200 Ft.	2	0	

3. Monitoring Well Nitrate Contamination - 10 Potential Points (10% of Total)

		Points	Benchmark	After
Determine level of nitrate contamination based on analyses for monitoring wells located hydrologically down-gradient from livestock facility and/or manure application field.	0-5 ppm	10	0	
	5-9 ppm	8	0	
	10-15 ppm	6	0	
	15-20 ppm	4	0	
	>20 ppm	2	0	

4. Status of Current Manure Facility/Operation - 40 Potential Points (40% of Total)

See instructions on next page.		Max. Points	Benchmark	After
Collection and Transport	Adequate	10		
	Exists, inadequate	5		
	Nonexistent	0		
Storage and Treatment	Adequate	10		
	Exists, inadequate	5		
	Nonexistent	0		
Seepage	Adequate	20		
	Exists, inadequate	10		
	Nonexistent	0		

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5. Manure Utilization [On-Site Land Application A through D -30 Potential Points (30%)] OR [Off-Site Land Application and Other Manure Utilization E -30 Potential Points (30%)]

See instructions on next page.						Max. Points	Benchmark	After
A. Animal Density Status/Change <div style="text-align: right; font-size: small;">Extra High = 0 Pts High = 3 Pts Med. = 4 Pts Low = 5 Pts</div>						5		
B. Phosphorus Risk (Current/Planned)		Very High 0 Pts	High 2 Points	Medium 3 Points	Low 4 Points	Very Low 5 Pts	5	
C. Potential for Leaching		Yes = 0 Points No = 5 Points				5		
D. Irrigation Efficiency (Use FIRS to evaluate)		% of Area in Contract (present condition)	% of Area in Contract (planned condition)	Max. Points	Benchmark	After		
1-20%				0				
21-30%				2				
31-40%				4				
41-50%				6				
51-60%				8				
61-70%				10				
71-80%				12				
>80%				15				
OR								
E. Off-Site Land Application and Other Utilization: Waste Utilization Practice in Place		Yes = 0 Points		No = 30 Points		30		
						Total After Points		
						minus Total Benchmark Pts		
						equals Total Pts for Ranking		
Designated Conservationist _____				Date _____				
A - Existing facility needing improvements B - Expansion of existing facility C - Development of new facility								